Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_

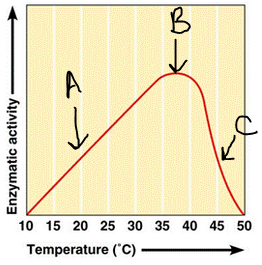
**Changes in Enzyme Function Worksheet**

Mrs. Krouse, Pre-AP Biology

***Directions:***

*For Part 1 for each graph, describe how changes in the independent variable (shown on the x-axis of the graph) affect the amount of enzyme activity (i.e. the rate of reaction).*

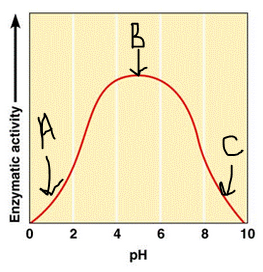
*For Part 2 for each graph, explain why the rate of reaction is high or low at labeled points (A, B, C) on the graph.*

****

**Temperature:**

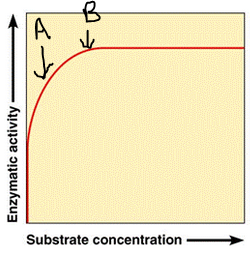
1.

2.

**pH**

1.

2.



**Substrate concentration (number of substrate molecules)**

1.

2.